

中国菊科橐吾属一新种^{*}

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A NEW SPECIES OF LIGULARIA (COMPOSITAE) FROM CHINA

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毛茎橐吾 新种 图 1

Ligularia eriocaulis M. Zhang et L. S. Xu, sp. nov.

Species *L. liatroides* (C. Winkl.) Hand.-Mazz. affinis, sed foliis caulis paucis, vaginalibus, inflorescentia racemosus laxis, phyllis 10~12, ad marginem parce albo-ciliatis differt.

Herba perennis, 30~50 cm alta, flavo-virens. Caulis erectus, superne medium cum inflorescentia dense albo-araneosus et breviter flavo-piliferus, inferne parce vel glaber, basi 4~6 mm diam. vetustis petiolatis vestitus. Folia fasciculata et inferiora petiolata vaginataque; petioli 2~16 cm longi, alatis integris, parce albo-araneosis vel glabris; laminae longiovatae vel oblanceolatae, 8~28 cm longae, 3~6 cm latae, apice acutae, integrae vel margine sparse cartilagineo-denticulatae, basi abrupte constrictae vel cuneatae, supra dense albo-araneosus et breviter piliferae, subtus parce, pinnatinervis subparallelis; illa caulina 1~3, vaginaque, 2.5~7 cm longae, integrae vel irregulariter laciniato-dentatis. Inflorescentia racemosa, laxa, 5~15 cm longa. Bractee lineari-lanceolatae vel filiformes, inferne usque 3.5 cm, superne minores, dense albo-araneosae. Pedunculi 0.5~1.5 cm longi, dense albo-araneosi. Calathidia radiata, 2~10. Bracteolae lineares vel subulatae, araneosae, involucris breviores. Involucrum lati-campanulatum, 8~13 mm longum, in oris 7~16 mm latum, phyllis 10~12, biseriatis, lanceolatis vel ovato-lanceolatis, apice acuminatis, acutis vel obtusis, 1.5~4 mm lata, margine anguste membranaceis, parce albo-ciliatis, dorsis albo-araneosis et breviter pilifris. Flosculi radii ligulati, 10~11, flavi, ligulis oblongis, 9~13 mm longis, 2~3.5 mm latis, apice acutis vel obtusis, tubis 1.5~2.5 mm longis. Flosculi disci tubulati, numerosi, 4~5 mm longi, tubis circ. 1~1.5 mm longis. Pappus albus corolla disco aequae. Achenia ematura, oblanceolata, glabra, apice constricta.

多年生黄绿色草本。根肉质, 多数簇生, 直径约至 3 mm。茎直立, 高 30~55 cm, 中上部及花序常密被白色蛛丝状毛和黄褐色有节短柔毛, 下部稀疏或近光滑, 基部直径 4~6 mm, 被褐色枯叶柄纤维包

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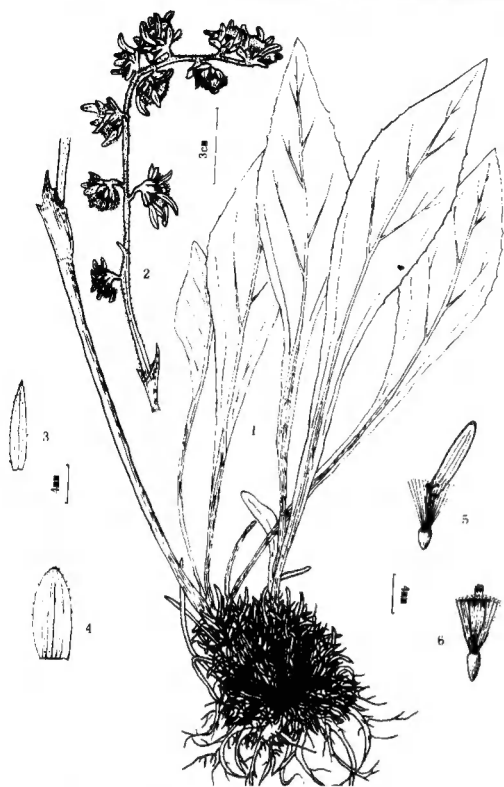


图1 毛茎橐吾 *Ligularia erioculis* M. Zhang et L. S. Xu

1. 植株下部; 2. 花序; 3. 外层总苞片; 4. 内层总苞片;
5. 舌状花; 6. 管状花(徐增来绘)

围。丛生叶和茎基部叶具柄，柄长 2~16 cm，全部或中上部具翅，翅全缘，疏具蛛丝状毛或近光滑，基部鞘状，叶片长卵形至倒披针形，长 8~28 cm，宽 3~6 cm，先端急尖，疏具软骨质小齿或近全缘，基部楔形，狭缩下延成翅柄，两面疏生白色长柔毛和黄褐色有节短柔毛，上面更密，叶脉羽状近平行；茎生叶 1~3，多呈鞘状，长 2.5~7 cm，全缘或具不整齐撕裂状齿。总状花序长 5~15 cm，疏离；苞片线状披针形至丝状，下部者长达 3.5 cm，向上渐短，密被蛛丝状长柔毛；头状花序 2~10，有时下部的 1~2 个不发育；小苞片线形至钻形，短于总苞，被蛛丝状柔毛；总苞宽钟状，长 8~13 cm，口部宽 7~16 mm。总苞片 10~12，2 层，披针形或卵状披针形，宽 1.5~4 mm，先端渐尖、急尖或圆钝，背部被疏或密的白色丝状长柔毛和有节短柔毛，边缘窄膜质，疏被白色睫毛，舌状花 10~11，黄色，舌片长圆形，长 9~13 mm，宽 2~3.5 mm，先端急尖或圆钝，管部长约 1.5~2.5 mm；管状花多数，长 4~5 mm，管部长约 1~1.5 mm，冠毛白色与花冠等长。瘦果（未成熟）倒披针形，光滑，有时上部缢缩成短喙。花期 8 月。

本种与缘毛橐吾 (*L. liatroides* (C. Winkl.) Hand.-Mazz.) 近缘，但茎生叶少而呈鞘状，总状花序疏离，总苞片 10~12，总苞片边缘疏被白色睫毛而易于区别。

Yunnan (云南): Zhongdian (中甸), on moist alpine meadows and by streams, alt. 3500 m, 1993. 8. 20. Zhao Xianguo (赵显国) 93012 (Holotypus, in Herb. China Pharmaceutical University conserv.)

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